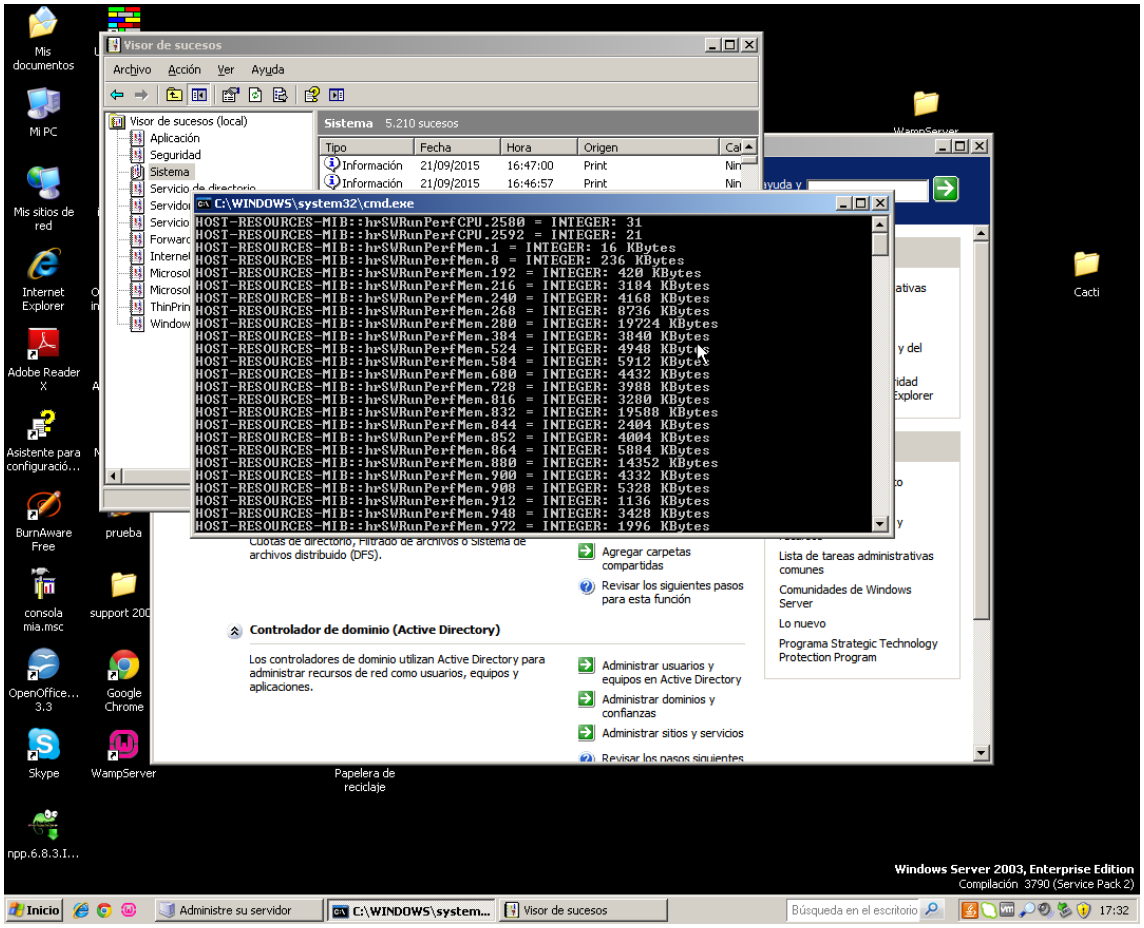
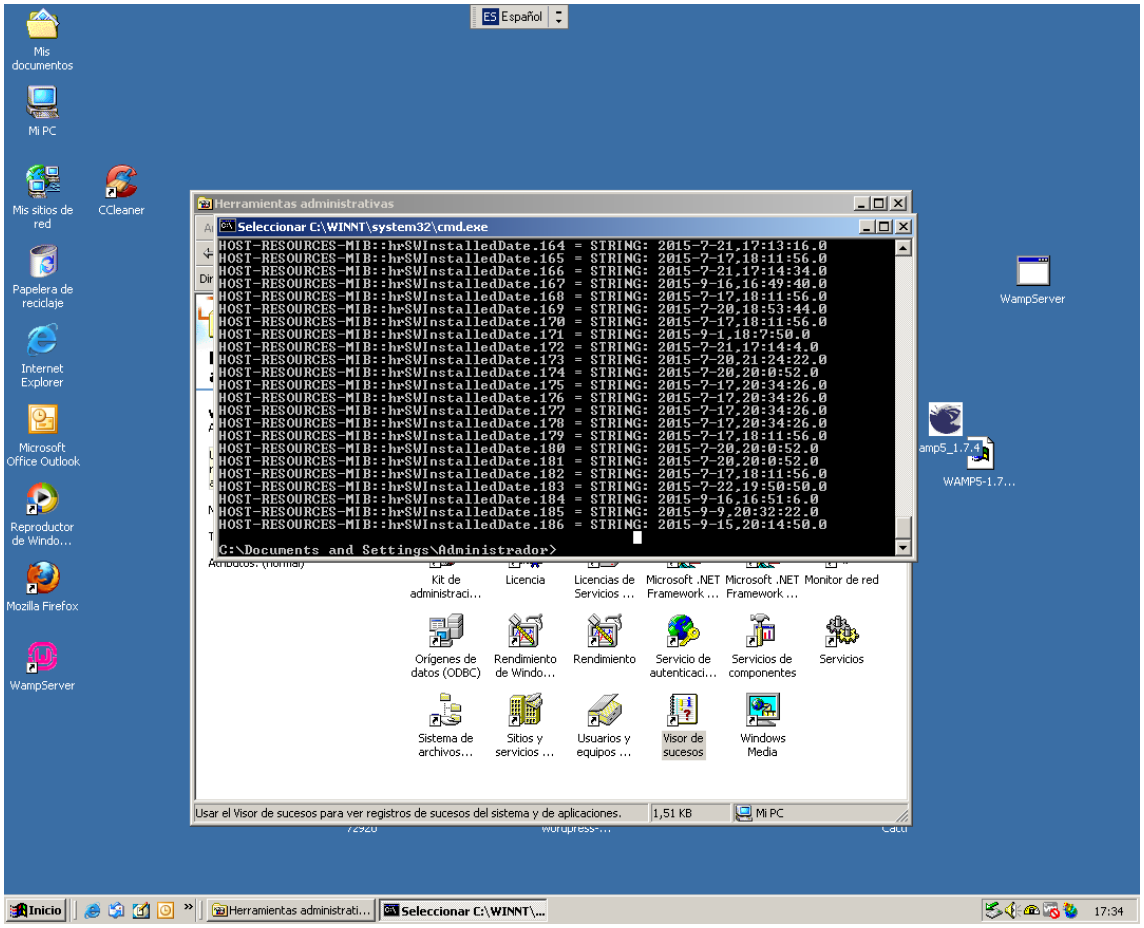
1.º. Comprobar que las máquinas donde hemos habilitado la monitorización (Win2003, WinXP y Ubuntu Mate) responde correctamente a las consultas SNMP. Para ello deberemos lanzar el comando:
snmpwalk –v 1 –c public 192.168.2.X

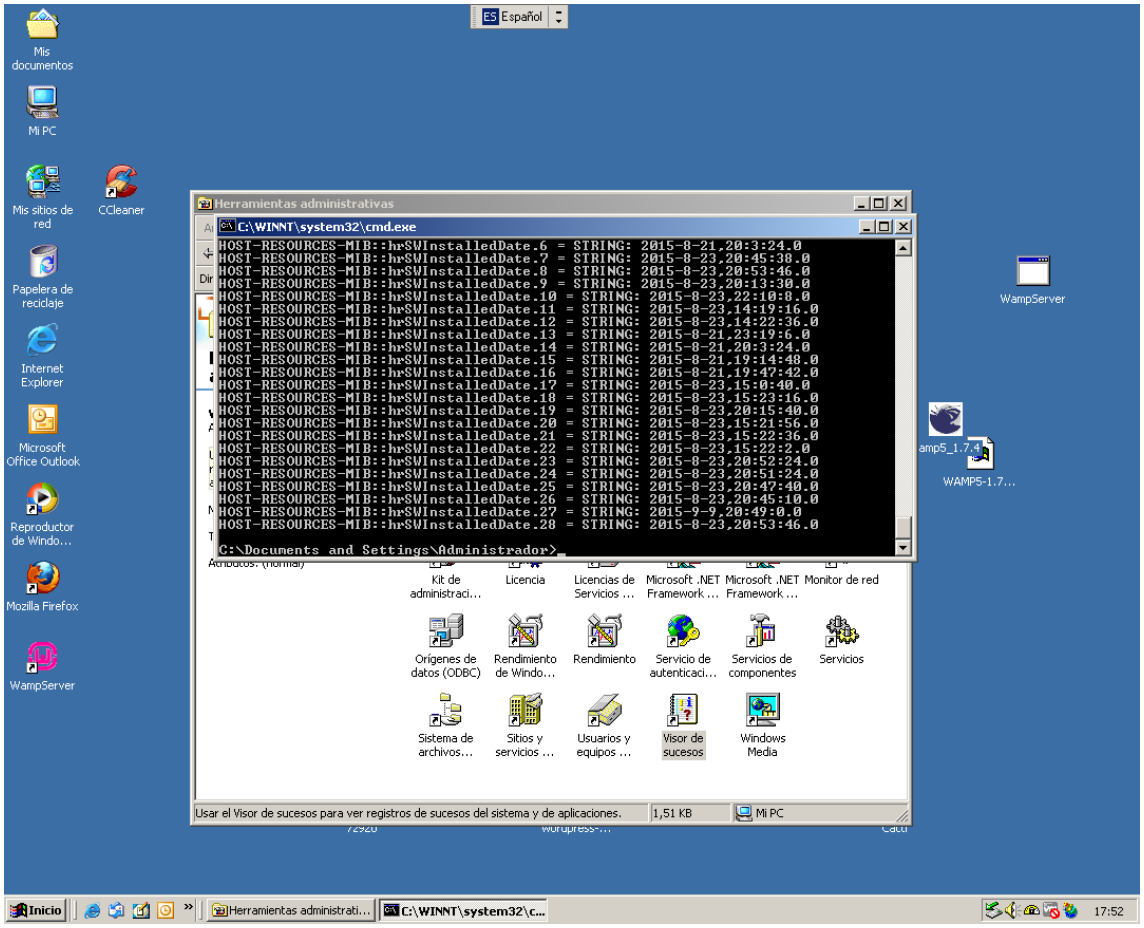
a Windows 2000 server (dominio: futurama.local):



A server 2003 (dominio: rmadrid, desde Windows 2000):



A 2000 PRO cliente (unido a futurama.local):

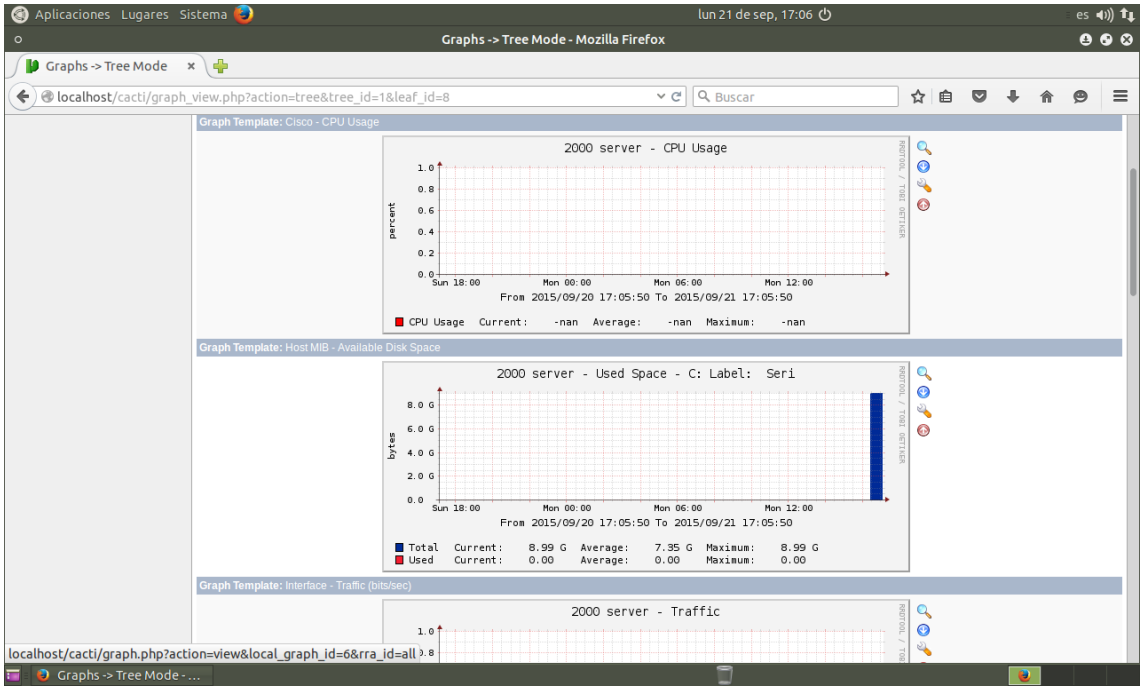


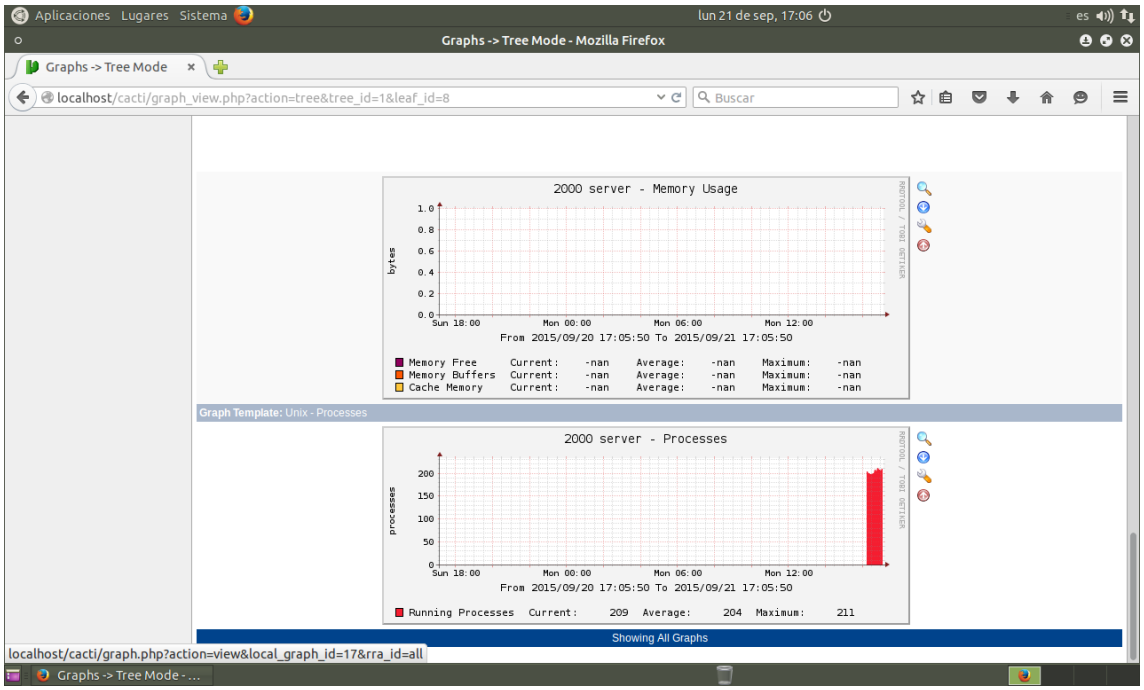
1.º. Crear una gráfica que monitorice el servidor Windows 2003. Usando el protocolo SNMP V2.

En esa gráfica deberemos monitorizar los siguientes datos:

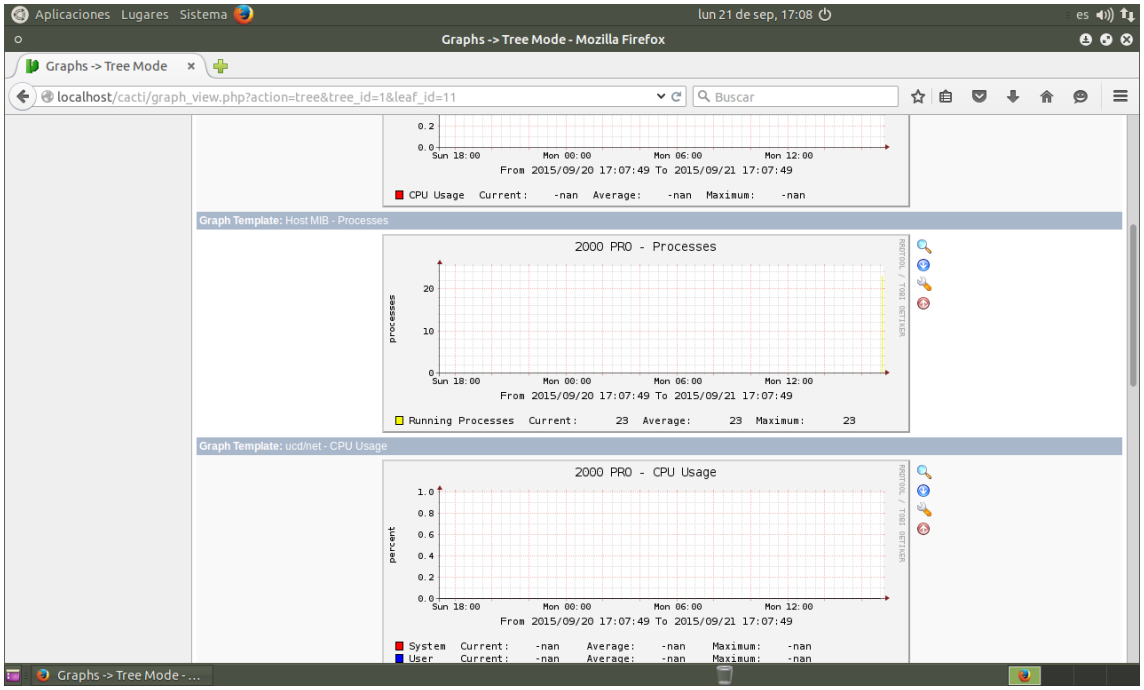
a. Memoria Física en uso
b. Espacio usado en c:
c. Procesos en ejecución
d. Tráfico en bytes/seg de la tarjeta de red

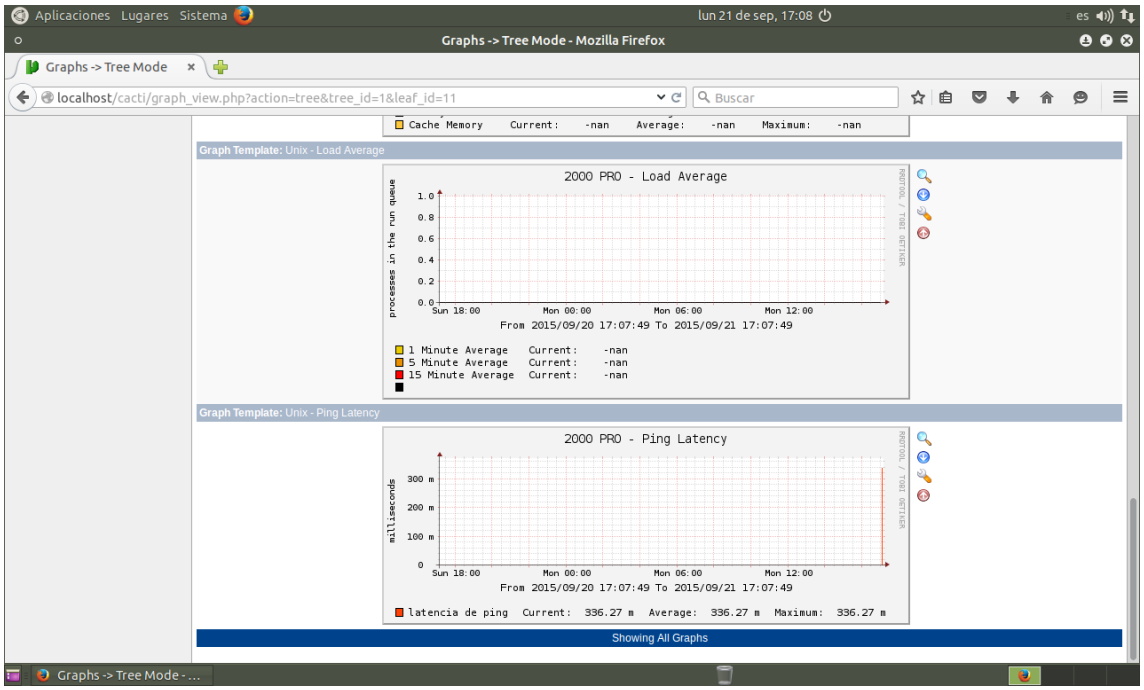
Grafica maquina virtual 2000 server:



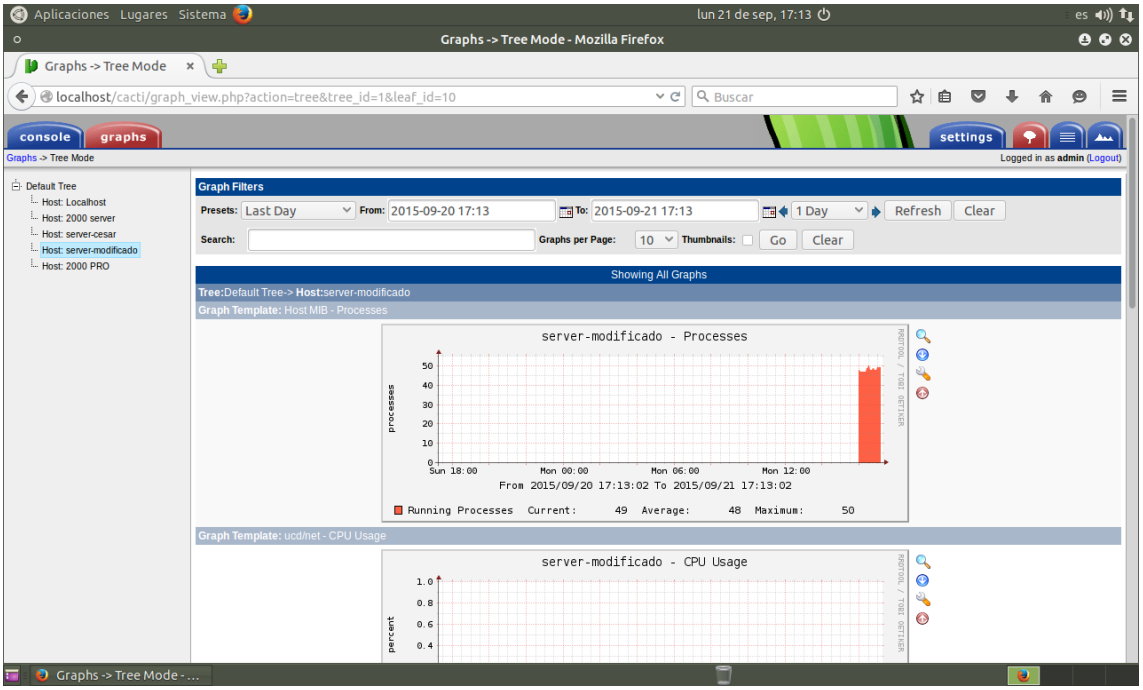


2000 PRO cliente:





En server 2003 modificado (ISO modificada con nlite procedente de la FP):



1.º. Exportar una gráfica al formato CSV y abrir con Excel. Intentar visualizar los datos dentro de la hoja de cálculo.

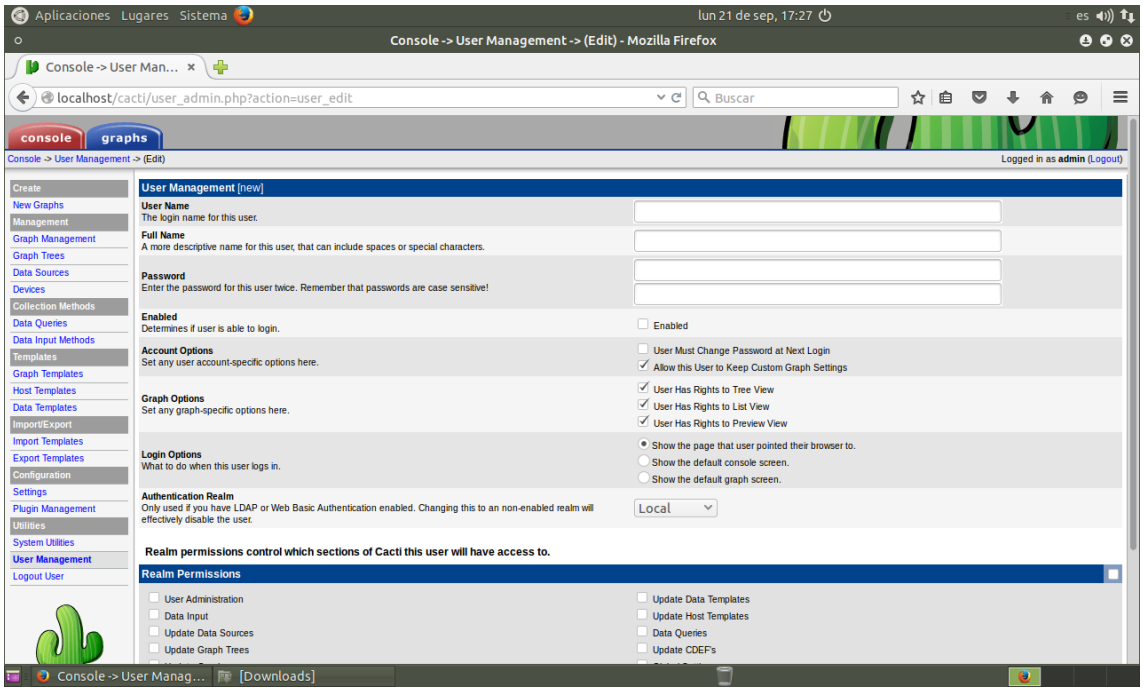
Title:,"'2000 PRO - Ping Latency'"
Vertical Label:,"'milliseconds'"
Start Date:,"2015-09-20 17:20:00"
End Date:,"2015-09-20 17:20:00"
Step:,"300"
Total Rows:,"289"
Graph ID:,"22"
Host ID:,"5"

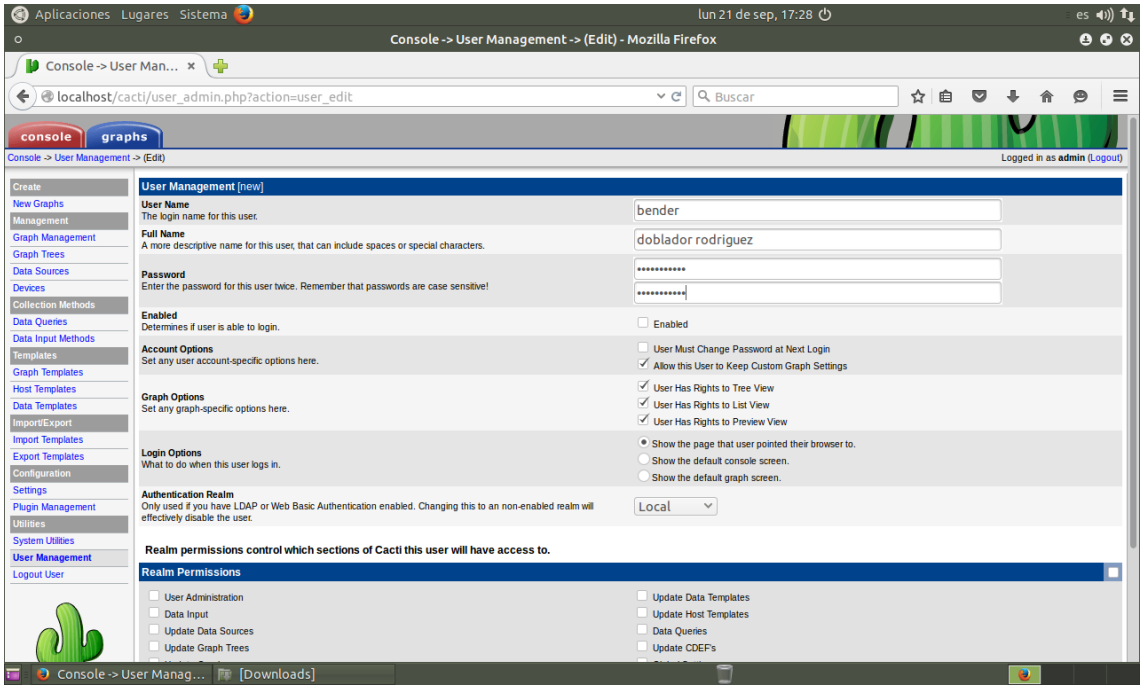
Title:,"'2000 PRO - Processes'"
Vertical Label:,"'processes'"
Start Date:,"2015-09-20 17:20:00"
End Date:,"2015-09-20 17:20:00"
Step:,"300"
Total Rows:,"289"
Graph ID:,"21"
Host ID:,"5"

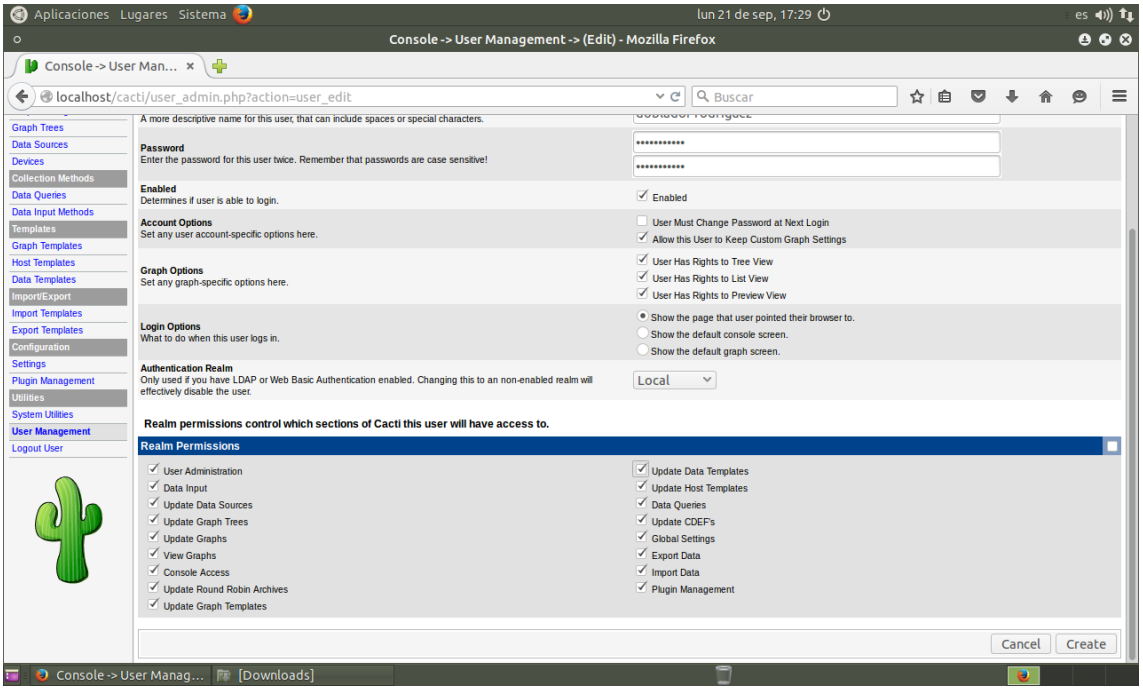
Title:,"'2000 server - Used Space - C: Label: Seri'"
Vertical Label:,"'bytes'"
Start Date:,"1970-01-01 01:00:00"
End Date:,"1970-01-01 01:00:00"
Step:,""
Total Rows:,""
Graph ID:,"6"
Host ID:,"2"

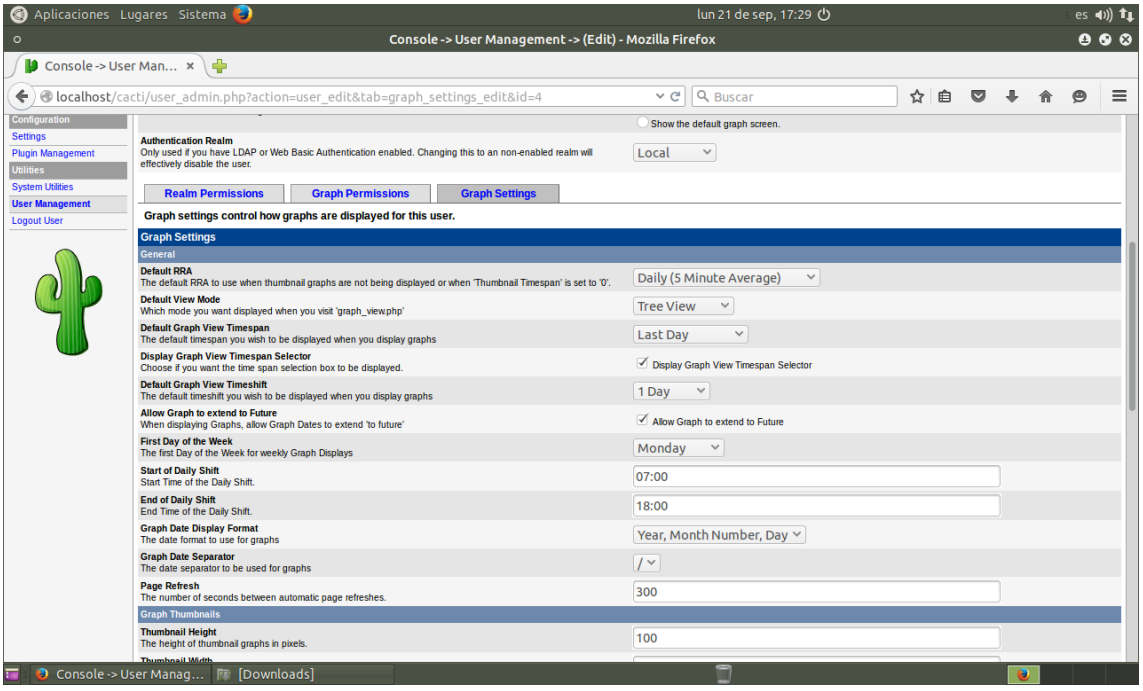
Title:,"'server-modificado - Processes'"
Vertical Label:,"'processes'"
Start Date:,"2015-09-20 17:15:00"
End Date:,"2015-09-20 17:15:00"
Step:,"300"
Total Rows:,"289"
Graph ID:,"10"
Host ID:,"4"

1.º. Crear un usuario nuevo para Cacti. Por ahora sólo tenemos al usuario Admin con la contraseña estándar. El nuevo usuario y contraseña será otra forma nueva de entrar a Cacti.



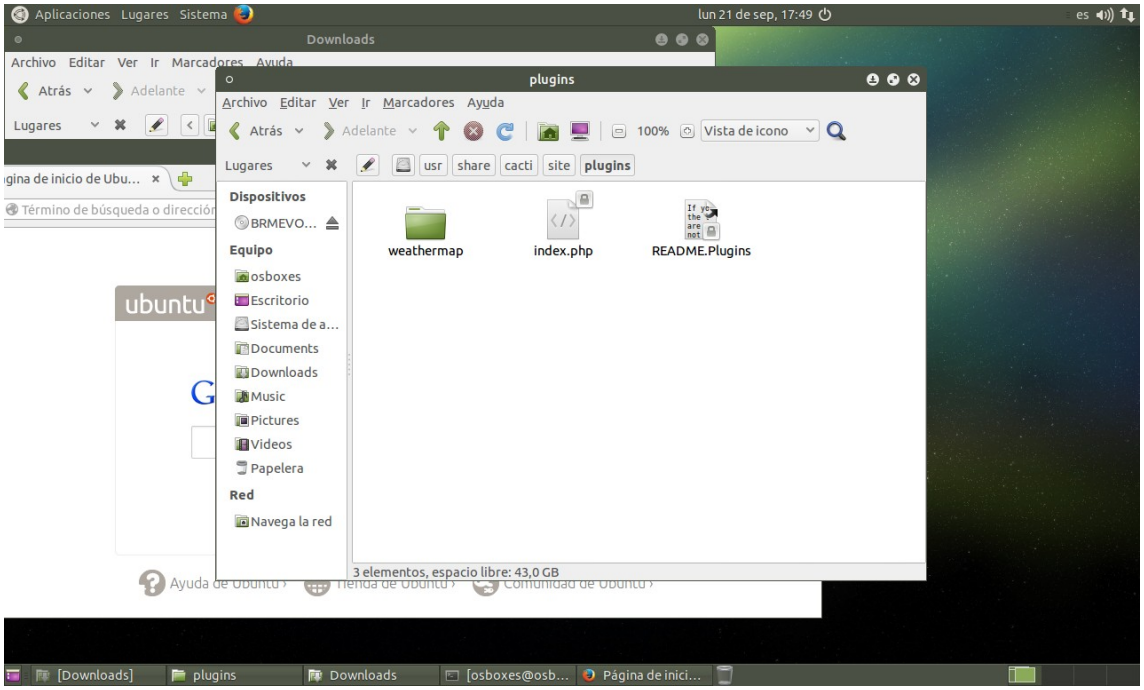






1.º. Instalar el plugin de Cacti para crear mapas de la red: Wheather Map.
Descargar: http://network-weathermap.com/files/php-weathermap-0.97c.zip
Manual: http://network-weathermap.com/manual/0.97b/pages/cacti-plugin.html
Instalación: http://network-weathermap.com/manual/0.97b/pages/install-cacti-editor.html

Blog de ayuda: http://notasdesoftware.com/2015/04/instalacion-del-plugin-weathermap-en-cacti.html



Sudo chmod 777 plugins